

AMENDED IN SENATE MARCH 25, 2004

CALIFORNIA LEGISLATURE—2003–04 REGULAR SESSION

Assembly Joint Resolution

No. 50

Introduced by Assembly Member Pavley
(Coauthors: Assembly Members Campbell, Dutra, Frommer,
Shirley Horton, Jackson, Levine, McCarthy, Nakano, Nation,
Simitian, Strickland, and Wolk)

August 21, 2003

Assembly Joint Resolution No. 50—Relative to fuel cell vehicles.

LEGISLATIVE COUNSEL'S DIGEST

AJR 50, as amended, Pavley. Fuel cell vehicles.

This measure would state California's commitment to achieving a clean transportation future based on the rapid commercialization of hydrogen and fuel cell technologies, *among other promising and complementary clean air and energy efficient technologies*. The measure would request the United States Department of Energy to recognize California's progress and commitment to accelerating the commercialization of hydrogen and fuel cell vehicles and to ensure that appropriate federal funding be provided to support those activities in California.

Fiscal committee: yes.

- 1 WHEREAS, Fuel cells have been a reliable power source for
- 2 many years, and ~~they~~ have captured worldwide attention as a clean
- 3 power source for vehicles; and
- 4 WHEREAS, Fuel cell and other hydrogen-powered vehicles are
- 5 being developed by most automobile manufacturers, and ~~they~~



1 have generated interest and enthusiasm in the industry, as well as
2 with environmentalists, government agencies, and consumers
3 worldwide; and

4 WHEREAS, Fuel cell and other hydrogen-powered vehicles
5 can offer zero or near-zero smog-forming emissions; reduce the
6 health problems caused by motor vehicle-related air pollution;
7 reduce water pollution from oil and gasoline leaks; lower
8 greenhouse gas pollution; improve fuel economy; provide quieter
9 and smoother operation; and offer the security and economic
10 benefits associated with transportation fuel diversity; and

11 WHEREAS, California is the home to the California Fuel Cell
12 Partnership, a unique collaborative of automobile manufacturers,
13 energy companies, fuel cell technology companies, and
14 government agencies. This collaborative is advancing new vehicle
15 technologies that could move the world toward practical and
16 affordable environmental and transportation solutions. For the
17 first time ever, automobile companies and fuel suppliers have
18 joined together through the partnership to demonstrate fuel cell
19 vehicles under actual daily driving conditions; and

20 WHEREAS, The California Fuel Cell Partnership expects to
21 place up to 60 fuel cell vehicles on the road by the end of 2003. In
22 addition to testing the fuel cell vehicles, the partnership is
23 examining fuel infrastructure issues and beginning to prepare the
24 California market for this new technology; and

25 WHEREAS, The California Fuel Cell Partnership has
26 established clear goals to ensure the commercialization of
27 hydrogen and fuel cell vehicle technology. These goals include all
28 of the following:

29 (1) Demonstrate the new technology by operating and testing
30 the vehicles under real-world conditions in California.

31 (2) Demonstrate the viability of alternative fuel infrastructure
32 technology, including hydrogen and methanol stations.

33 (3) Explore the path to commercialization, from identifying
34 potential problems to developing solutions.

35 (4) Increase public awareness of, and educate public opinion
36 about, fuel cell electric vehicles, preparing the market for
37 commercialization; and

38 WHEREAS, Dwindling supplies of fossil fuel and the growing
39 concern with global warming require the development of
40 renewable sources of hydrogen fuel; and



WHEREAS, Local governments and regional government agencies also are taking a leadership role to advance hydrogen and fuel cell vehicle technologies, including the City of Los Angeles, which operates the first municipal test fleet of fuel cell vehicles, and the South Coast Air Quality Management District, which is installing more than a dozen hydrogen fueling stations; and

WHEREAS, The Institutes of Transportation Studies at the Davis and Irvine campuses of the University of California are recognized nationally as leading research institutions in advancing hydrogen and fuel cell vehicle and infrastructure technology and commercialization strategies; and

WHEREAS, Automobile manufacturers have publicly announced their intention to commercially market “tens of thousands” of hydrogen and fuel cell vehicles within this decade, provided that the fueling infrastructure is available; and

WHEREAS, California is the largest car market in the United States, and this state has set a precedent of driving advancement in the arenas of vehicle emissions reduction and clean vehicle technologies; and

WHEREAS, President Bush and the United States Department of Energy have announced their intention to advance the commercialization of fuel cell technology and hydrogen infrastructure through a national grant competition; and

WHEREAS, To date, California’s commitment far surpasses that of any other state, and California offers the best opportunity to accelerate the commercialization of hydrogen and fuel cell vehicle technologies; now, therefore, be it

Resolved by the Assembly and Senate of the State of California, jointly, That the State of California is committed to achieving a clean transportation future based on the rapid commercialization of hydrogen and fuel cell technologies, *among other promising and complementary clean air and energy efficient technologies;* and be it further

Resolved, That the State of California is committed to support the hydrogen and fuel cell vehicle commercialization by 2010 by taking all of the following actions:

~~(1) Commercially available hydrogen and fuel cell vehicles will be offered to the retail market.~~

~~(2) At least 60 percent of Californians will have convenient access to hydrogen fueling stations.~~

1 ~~(3) California's state vehicle fleet will include the maximum~~
2 ~~number of hydrogen and fuel cell vehicles possible in appropriate~~
3 ~~applications.~~

4 ~~(4) A commitment to the development of renewable sources of~~
5 ~~supporting the following actions and developments:~~

6 *(1) Ensuring that commercially available hydrogen and fuel*
7 *cell vehicles are offered on the retail market.*

8 *(2) Providing convenient access to hydrogen fueling stations*
9 *for at least 60 percent of Californians.*

10 *(3) Including the maximum feasible number of hydrogen and*
11 *fuel cell vehicles in appropriate application in California's state*
12 *vehicle fleet.*

13 *(4) Providing a commitment to the development of renewable*
14 *sources of energy for hydrogen production; and be it further*

15 *Resolved, That state agencies in California will work with local*
16 *and regional government organizations in the state to address*
17 *issues associated with accelerating the production of hydrogen, the*
18 *installation of hydrogen fueling stations, and other issues that need*
19 *to be addressed to ensure commercialization; and be it further*

20 *Resolved, That the State of California requests that the United*
21 *States Department of Energy recognize California's progress and*
22 *commitment to accelerating the commercialization of hydrogen*
23 *and fuel cell vehicles, and ensure that appropriate federal funding*
24 *be provided to support those activities in California; and be it*
25 *further*

26 *Resolved, That the Chief Clerk of the Assembly transmit copies*
27 *of this resolution to the President and Vice President of the United*
28 *States, the United States Secretary of Energy, the United States*
29 *Secretary of Transportation, the Administrator of the federal*
30 *United States Environmental Protection Agency, each senator and*
31 *representative from California in the Congress of the United*
32 *States, the Chair of the California Air Resources Board, the Chair*
33 *of the California Energy Resources, Conservation and*
34 *Development Commission, and the Director of General Services.*

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2	CORRECTIONS	
3	Heading — Line 3.	
4	Text — Page 3.	
5		_____
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